



Lakehead Region  
Conservation Authority  
Conserve Today...For A Better Tomorrow

**LAKEHEAD SOURCE PROTECTION AREA**

**SECOND REGULAR LAKEHEAD SOURCE PROTECTION  
COMMITTEE MEETING**  
**Formed under the “Clean Water Act, 2006”**

**DATE:** Wednesday, January 9, 2008

**PLACE:** Lakehead Region Conservation Authority Boardroom

**TIME:** 4:00 p.m.

**AGENDA**

1. **ADOPTION OF AGENDA BY CONSENSUS**
2. **DISCLOSURE OF INTEREST**
3. **MINUTES OF PREVIOUS MEETING**
4. **WORK PLANNING**
5. **SOURCE PROTECTION COMMITTEE**
6. **CORRESPONDENCE**
7. **NEW BUSINESS**
8. **PROJECT UPDATE**
9. **OPEN DISCUSSION**
10. **NEXT MEETING**
11. **ADJOURNMENT BY CONSENSUS**

## **Source Water Protection - Acronym Definitions**

<b>AMO</b>	Association of Municipalities of Ontario
<b>AR</b>	Assessment Report
<b>ASM</b>	Animal Source Material
<b>AST</b>	Above-ground Storage Tank
<b>AVI</b>	Aquifer Vulnerability Index
<b>BMP</b>	Best Management Practices
<b>BTEX</b>	Benzene, Tolulene, Ethylbenzene and Xylenes
<b>CA</b>	Conservation Authority
<b>CO</b>	Conservation Ontario
<b>CWA</b>	Clean Water Act
<b>DEM</b>	Digital Elevation Model
<b>DFO</b>	Department of Fisheries and Oceans Canada
<b>EBR</b>	Environmental Bill of Rights
<b>EFRI</b>	Enhanced Forest Resource Inventory
<b>EPA</b>	Environmental Protection Act
<b>FMSA</b>	Future Municipal Supply Areas
<b>FRI</b>	Forest Resource Inventory
<b>FWFN</b>	Fort William First Nation
<b>GIS</b>	Geographic Information System
<b>GPS</b>	Global Positioning System
<b>GVA</b>	Groundwater Vulnerability Analysis
<b>HVA</b>	Highly Vulnerable Aquifer
<b>HYDAT</b>	Hydraulic Data – stream flow, water level and sediment data
<b>INAC</b>	Indian and Northern Affairs Canada
<b>ISI</b>	Intrinsic Susceptibility Index
<b>IPZ</b>	Intake Protection Zone
<b>LAMP</b>	Lakewide Management Plans – Refers to Great Lakes
<b>LSPA</b>	Lakehead Source Protection Area
<b>LSPA</b>	Lakehead Source Protection Authority
<b>LSPC</b>	Lakehead Source Protection Committee
<b>LIO</b>	Land Information Ontario
<b>LRCA</b>	Lakehead Region Conservation Authority
<b>MLTWSS</b>	Municipal Long-term Water Supply Strategy
<b>MMAH</b>	Ontario Ministry of Municipal Affairs and Housing
<b>MNDM</b>	Ontario Ministry of Northern Development and Mines
<b>MNR</b>	Ontario Ministry of Natural Resources
<b>MOE</b>	Ontario Ministry of the Environment
<b>MTO</b>	Ontario Ministry of Transportation
<b>MSC's</b>	Multi-Stakeholders Committees
<b>MOA</b>	Memorandum of Agreement
<b>MOU</b>	Memorandum of Understanding
<b>MPAC</b>	Municipal Property Assessment Corporation
<b>MTS</b>	Municipal Technical Study

<b>NAN</b>	Nishnawbe-Aski Nation
<b>NOEGTS</b>	Northern Ontario Engineering Geology Terrain Study
<b>NRVIS</b>	Natural Resources and Values Information System
<b>OGDE</b>	Ontario Geospatial Data Exchange
<b>OMAFRA</b>	Ontario Ministry of Agriculture, Food and Rural Affairs
<b>OBM</b>	Ontario Base Mapping
<b>OGS</b>	Ontario Geological Survey
<b>OPG</b>	Ontario Power Generation
<b>PAC</b>	Public Advisory Committee
<b>PGMN</b>	Provincial Groundwater Monitoring Network
<b>PWQMN</b>	Provincial Water Quality Monitoring Network
<b>PTTW</b>	Permit to Take Water
<b>QA / QC</b>	Quality Assurance / Quality Control
<b>RAP</b>	Remedial Action Plans
<b>RFP</b>	Request for Proposal(s)
<b>RIM</b>	Release and Impact Modifier Score
<b>ROMA</b>	Rural Ontario Municipal Association
<b>SAAT</b>	Surface to Aquifer Advective Time
<b>SCGR</b>	Significant Groundwater Recharge Areas
<b>SOLRIS</b>	Southern Ontario Land Resource Inventory Mapping
<b>SRA</b>	Significant Recharge Area
<b>SPA</b>	Source Protection Authority
<b>SPC</b>	Source Protection Committee
<b>SPIC</b>	Source Protection Implementation Committee
<b>SPR</b>	Source Protection Region
<b>STP's</b>	Sewage Treatment Plants
<b>SWOOP</b>	Southwestern Ontario Ortho-Photography
<b>SWP</b>	Source Water Protection
<b>SWVA</b>	Surface Water Vulnerability Analysis
<b>TEC</b>	Technical Experts Committee
<b>TOR</b>	Terms of Reference
<b>TOT</b>	Time of Travel
<b>TWCA</b>	Total Water Contributing Area
<b>VOH</b>	Volatile Organic Hydrocarbons
<b>WHPA</b>	Wellhead Protection Area
<b>WMP</b>	Water Management Plan
<b>WMPGW</b>	Water Management Planning Guidelines for Waterpower
<b>WRIP</b>	Water Resources Information Program

Note: Reference in correspondence refers to a Source Protection Region, when there is more than one Source Protection Area combined into a grouping as indicated in the Areas and Regions Regulation. The term "Region" is not applicable to the Lakehead Source Protection Area, only "Area" applies.

### **Source Protection Plan Components**

### **Terms of Reference**

The “Terms of Reference” is a work plan that will outline tasks and duties and who will perform the work in the development of the Assessment Report and the Source Protection Plan under the timelines specified in the Regulations of the “Clean Water Act, 2006”. The planned costs associated with delivery of the Assessment Report and Source Protection Plan will be included in the budget portion of the Terms of Reference. The Terms of Reference, after undergoing public review, must be submitted to the Minister of Environment by the Source Protection Authority by October 20, 2008.

### **Assessment Report**

The Assessment Report is a science based report generated locally for each Source Protection Area. The Report will identify the watersheds and the vulnerable areas within the Source Protection Area. Threats to the vulnerable areas will be assessed and determined if they pose a significant threat to Municipal residential drinking water systems. Conservation Authority Staff have been facilitating and working in partnership with the City of Thunder Bay and the Municipality of Oliver Paipoonge to complete some of the scientific work to be used in the development of the Assessment Report. The Assessment Report must be submitted to the Director of the Ministry of Environment by the Source Protection Authority by the first anniversary of the date the Terms of Reference were approved.

### **Source Protection Plan**

The Source Protection Plan is a strategic document for a Source Protection Area that outlines policies and procedures to ensure that all significant and potential threats to the sources of Municipal residential drinking water systems are managed in a way that they will never become significant drinking water risks. The plan will address policies concerning Great Lakes targets. Municipalities will play a central role in the implementation and enforcement of the plan which will be monitored and revised as required by the Source Protection Committee. The Source Protection Plan must be submitted to the Minister of Environment by the Source Protection Authority by August 20, 2012. The Minister of Environment will approve the Source Protection Plan and any subsequent revisions to the Plan.

### **Municipal Freedom of Information and Protection of Privacy Policy (MFIPPA)**

The “Clean Water Act, 2006”, states that all private information of this nature must be protected under the provincial legislation of “Municipal Freedom of Information and Protection of Privacy Act”. The Source Protection Planning process must be open and transparent to the public and stakeholders, but where applicable, private and sensitive information (i.e. information concerning property owners and land use) will be protected accordingly.